

APPENDIX 1 - FPM MODELLING (SUPPLY AND DEMAND DATA)

Demand Assessment Table - Health and Fitness Facilities Wakefield MDC

2001 Census Population

Calculation used to calculate demand

1 Total population 16+

2001
#####

2 Number of potential members/users of health and fitness clubs

2001
11.8%
30,063

3 2 above shown as % of total adult population 1. above

4 Average user attends 1.5 times per week or six times per month number of visits per week

2001
45,094
29,311
862

5 Number of visits per week in peak times = 65% of total number of visits

6 Number of visits in one hour of peak time = total visits during peak time /34

A total number of 434 stations would be required to cater for the predicted demand by potential members/users of any health and fitness facility

2001 demand for Health and Fitness Facilities **862**

Current Supply **1842**

Current Surplus / Deficit in supply

980

The model is based on the premise that for the supply to be sufficient, it must be large enough to cater for the maximum demand at any one time. Maximum demand is described as the demand during a peak hour session

Penetration of fitness users is defined using the FIA (2004) Parameters

The average health and fitness session is one hour

65% of use is during peak times

Peak times are 34 hours 5-9 mon - fri and 9-4 sat and sun

Average user participates 1.5 times per week or six times per month

The at one time capacity of a health and fitness facility is calculated by the ratio of one user per station

Facility	Ownership	No. of Stations
Absolute Fitness UK		60
Airedale Sports Centre		14
Bannatynes Health Club		86
Betterbodies		28
Bodyworks		38
Danhale Active Recreation Centre		14
Fitness First (Pontefract)		120
Fitness First (Wakefield)		100
Fitness Zone		49
Future Fitness Club (Wakefield)		27
Gallery Health & Fitness		48
Greens Health & Fitness		126
Havercroft & Ryhill Sports & Youth Centre		15
Hemsworth Sports Centre		20
Isobodies		90
John Joiner Health & Fitness		28
Knottingley High Sch & Sports College		15
Knottingley Sports Centre & Pool		20
Lightwaves Leisure Centre		20
Lock Lane Sports Centre		52
Minsthorpe Community College		27
Muscleworld Gym		53
Nautilus Fitness Centre		33
Oasis Health Club		20
Pontefract Squash & Leisure Club		50
Sandal Fitness Centre		29
Sculptured Health & Fitness		28
Sporting Bodies Gym		90
Spring Life		20
The Workhouse		50
Tops Fitness		45
Thames Park Athletics Stadium		37
Total Fitness		200
Waterton Park Hotel Leisure Club		20
Womens Workout World (Pontefract)		20
Xercise Health Club		150
Total No. of Stations		1842

Sports Facility Calculator

Step 1

Select local authority

Wakefield

Step 2

Enter population

Yorkshire and the Humber

315,172

Step 3

Cost Variations

Automatic

Step 4

Adjust Demand

0%

0%

0%

Facility Requirements

Pools

Halls

Indoor Bowls

Size

3,235.35 sq.m.
60.90 Lanes
15.23 Pools

89.73 Courts
22.43 Halls

18.90 Rinks
3.15 Centre

Cost

£30,254,272

£57,203,536

£4,567,417

Age profile of selected district

